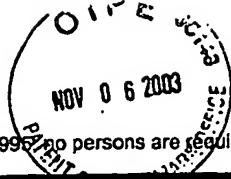


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: 11/6/03

(use as many sheets as necessary)

Sheet

1

of

1

Complete If Known

Application Number	10/662,886
Filing Date	09/16/2003
First Named Inventor	Takashi NAGASE
Group Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number 023312-0109

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
SA	A4	R.L. Kubena, et al, A Low Magnification Focused Ion Beam System with 8 nm spot size", J. Vac. Sci. Technol. B9, 3079-3083 (1991)	Y
	A5	S. Matsui, et al, High Resolution Focused Ion Beam Lithography, J. Vac. Sci. Technol. B9, 2622-2632 (1991)	Y
	A6	M.A. Reed, Molecular-Scale Electronics, Proc. IEEE, 87, 652-658 (1999)	Y
	A7	A. Aviram, et al, Molecular Electronics II, New York Academy of Sciences, New York (2002) – Table of Contents	Y
SA	A8	Y. Wada, et al., Prospects and Problems of Single Molecule Information Devices, Jpn. J. Appl. Phys. Part 1, 39, 3835-3849 (2000)	Y

Examiner Signature

Shamim Ahmed

Date Considered

6/6/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<i>Comple t if Known</i>		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unassigned	
				Filing Date	09/16/2003	
				First Named Inventor	Takashi NAGASE	
				Group Art Unit	Unassigned	
				Examiner Name	Unassigned	
				Attorney Docket Number	023312-0109	
Date Submitted: September 16, 2003 <i>(use as many sheets as necessary)</i>		Sheet		1	of	1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
SA	A1	Technical Report of IEICE, Vol. 102, No. 303, 2002, pp. 33-36	Y
SA	A2	Nice, Vol. 2, No. 3, 2002, pp. 3-7	Y
SA	A3	Conference Program of ICNME, Dec. 10-12, 2002, pp. 221-222 .	Y

Examiner Signature	Shamim Ahmed	Date Considered	6/6/05
-----------------------	--------------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.